

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S12 5	1	(US-6252971-\$).did.	USPAT	OR	ON	2007/05/09 10:52
S12 6	1	S125 and frequency	USPAT	OR	ON	2007/05/09 10:52
S12 7	12	("5181254"   "5284364"   "5488649"   "5734752"   "5790703"   "5825892"   "5905819"   "5946103"   "5946414"   "5995638"   "6036233"   "6061793").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 12:40
S12 8	1	"5706099".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 12:40
S12 9	3	((("6,438,251") or ("6,879,652") or ("6,145,081"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/05/09 12:48
S13 0	1252	283/72.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:25
S13 1	196	283/93.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:25
S13 2	711	283/94.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:25
S13 3	205	283/113.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:25
S13 4	2185	S130 S131 S132 S133	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:25
S13 5	0	S134 and (fix\$3 adj frequency).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:26
S13 6	6875	(713/176.ccls. 358/3.28.ccls. 235/494.ccls. 283/113.ccls. 380/54.ccls. 382/100.ccls. 705/58.ccls.)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/05/09 13:26

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S13 7	1	(S134 S136 ) and (fix\$3 adj frequency).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:27
S13 8	9	(S134 S136 ) and (watermark adj layer).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:28
S13 9	4	(S134 S136 ) and (watermark adj layer).clm. and (phase).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:28
S14 0	366	((SHENG) near2 (HUANG)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 13:30
S14 1	89	((JIAN) near2 (WU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 13:30
S14 2	423	((SHENG) near2 (HUANG)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:30
S14 3	152	((JIAN) near2 (WU)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:30
S14 4	571	S142 S143	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:30
S14 5	6	S144 and (watermark)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/09 13:30
S14 6	1	(US-20020054680-\$.did.	US-PGPUB	OR	ON	2007/05/09 13:48
S14 7	0	S146 and fix\$3	US-PGPUB	OR	ON	2007/05/09 13:52
S14 8	0	S146 and tangible	US-PGPUB	OR	ON	2007/05/09 13:56
S14 9	1	S146 and frequency	US-PGPUB	OR	ON	2007/05/09 13:57

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| #2  | (wu j. <in> au) <and> watermark   |
| #3  | (wu j. <in> au) <and> watermark   |
| #4  | ((watermark <and> phase <and> pattern)<in>metadata) <and> (pyr >= 1950 <and> pyr <= 2001) |
| #5  | ((watermark <and> phase)<in>metadata) <and> (pyr >= 1950 <and> pyr <= 2001)               |
| #6  | ((watermark <and> phase)<in>metadata) <and> (pyr >= 1950 <and> pyr <= 2001)               |
| #7  | ((watermark <and> layer <and> latent)<in>metadata)  |
| #8  | (huang sheng<in>au)   |
| #9  | (sheng huang<in>au)   |
| #10 | (sheng huang<in>au) <and> watermark   |
| #11 | (jian-kang wu<in>au)  |

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[Preferences](#)**Web**Results 1 - 10 of about 73 for **sheng huang jian-kang wu watermark**. (0.11 seconds)**Robust Invisible Watermarking of Volume Data Using the 3D DCT**

"Robust" watermarking implies that the **watermark** is resistant to most intentional or ... **Jian-Kang Kang Wu, Jiankang Wu, Yinghui Wu, Chang-Sheng Xu** ...  
[portal.acm.org/citation.cfm?id=872749.873324&coll=GUIDE&dl=GUIDE&CFID=15151515&CFTOKEN=61...](http://portal.acm.org/citation.cfm?id=872749.873324&coll=GUIDE&dl=GUIDE&CFID=15151515&CFTOKEN=61...) - [Similar pages](#)

**Print signatures for document authentication**

12 S. **Huang** and J. K. **Wu**. Optical **watermark**. WIPO-PCT Patent Number WO 0223481, 2000. ... **Jiankang Wu, Yinghui Wu, Chang-Sheng Xu, Changsheng Xu** ...  
[portal.acm.org/citation.cfm?id=948131&jmp=references&coll=GUIDE&dl=GUIDE&CFID=15151515...](http://portal.acm.org/citation.cfm?id=948131&jmp=references&coll=GUIDE&dl=GUIDE&CFID=15151515...) - [Similar pages](#)  
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**(WO/2002/023481) OPTICAL WATERMARK**

**HUANG, Sheng** [CN/SG]; Blk 403 Pandan Gardens #08-16 Singapore 600403 (SG) (US Only). **WU, Jian, Kang** [CN/SG]; Blk 51 Teban Gardens Road #06-605 Singapore ...  
[www.wipo.int/pctdb/en/wo.jsp?wo=2002023481](http://www.wipo.int/pctdb/en/wo.jsp?wo=2002023481) - 37k - [Cached](#) - [Similar pages](#)

**Publications Catalog**

**Watermark** optimization technique based on genetic algorithms Chun-Hsiang **Huang**, Ja-Ling **Wu**, National Taiwan Univ. (Taiwan); pages 516-523. ...  
[www.imaging.org/store/phypub.cfm?seriesid=24&pubid=344](http://www.imaging.org/store/phypub.cfm?seriesid=24&pubid=344) - 22k - [Cached](#) - [Similar pages](#)

**DBLP: Changsheng Xu**

13, Qingming **Huang**, [62] [64]. 14, Jesse S. Jin, [49] [56] [57] ... 41, **Jian-Kang Wu (Jiankang Wu)**, [1]. 42, Yongdong **Wu**, [10] [11] [14] ...  
[www.informatik.uni-trier.de/~ley/db/indices/a-tree/x/Xu:Changsheng.html](http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/x/Xu:Changsheng.html) - 54k - [Cached](#) - [Similar pages](#)

**ICME 2000: New York, NY, USA**

Qi Tian, Ying **Wu**, Thomas S. **Huang**: Incorporate Discriminant Analysis with EM ... for Enhancing the Robustness of **Watermark** Signals Embedded in Still Images. ...  
[www.informatik.uni-trier.de/~ley/db/conf/icmcs/icme2000.html](http://www.informatik.uni-trier.de/~ley/db/conf/icmcs/icme2000.html) - 171k - [Cached](#) - [Similar pages](#)

**计算机仿真0509mle**

Agent-Based Analysis and Modeling of Complex Adaptive System **HUANG** Tian-chen ... A Robust Video **Watermark** Scheme for Online E-business LI Jun, **SHEN** Rui-min ...  
[www.wanfangdata.com.cn/qikan/periodical/Articles/jsjz/jsjf2005/0509/0509mle.htm](http://www.wanfangdata.com.cn/qikan/periodical/Articles/jsjz/jsjf2005/0509/0509mle.htm) - [Similar pages](#)

**Patents - Institute for Infocomm Research (I<sup>2</sup>R)**

**Wu Jiankang**, A. Desai Narasimhalu, Lo **Sheng**, Jean-Luc Lebrun ... invention relates to authentication and protection of a secure document using a **watermark** ...  
[www.i2r.a-star.edu.sg/Patents.html](http://www.i2r.a-star.edu.sg/Patents.html) - 300k - [Cached](#) - [Similar pages](#)

**Proc. SPIE 0277-786X Society of Photo-Optical Instrumentation ...**

... and the application to digital **watermark** doi 10.1117/12.384965 author Okahisa ... **Wu**

**Jiankang** author Sun Qibin pub 8 8 2003 3971 1 393 401 link30 Proc. ...  
scitation.aip.org/protected/mdfeed/ScholarFeed-20060720\_PSI SDG\_3971.xml -  
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### Body

Neng-**Huang** Pan, Wen-Tsai Jen, Shyr-**Shen** Yu, Ming-Shing Yu, Shyh-Yang Hwang, and  
Ming-Jer **Wu**, National Chung-Hsing University, Taiwan ...  
www.research.ibm.com/icme2000/toc.html - 93k - Cached - Similar pages

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optical watermark layers

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[0011] An **optical watermark** has one or several **watermark layers**. ... [0012] **Layers** in the **optical watermark** protect each other. ...

[www.freepatentsonline.com/EP1317734.html](http://www.freepatentsonline.com/EP1317734.html) - 52k - [Cached](#) - [Similar pages](#)

**Optical watermark - Patent 20020054680**

[0011] An **optical watermark** has one or several **watermark layers**. One or two latent image objects are embedded into each **watermark layer**. ...

[www.freepatentsonline.com/20020054680.html](http://www.freepatentsonline.com/20020054680.html) - 57k - [Cached](#) - [Similar pages](#)

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Trustcopy - The premier provider of brand protection and secured ... shows you the power of multi-layered **optical watermark**. ... The final **watermark** is a superposition of multiple (up to 20) **layers** of 2-D arrays of signals, ...

[www.trustcopy.com/ntc\\_technology\\_antiforgery.htm](http://www.trustcopy.com/ntc_technology_antiforgery.htm) - 20k - [Cached](#) - [Similar pages](#)

Trustcopy - The premier provider of brand protection and secured ...

With the use of our unique **optical watermark** technology, ... With the ability to store multiple **layers** of independently encrypted information, the TrustMark ...

[www.trustcopy.com/ntc\\_business\\_trustmark.htm](http://www.trustcopy.com/ntc_business_trustmark.htm) - 13k - [Cached](#) - [Similar pages](#)

**(WO/2002/023481) OPTICAL WATERMARK**

Hidden information embedded into each of the **watermark's layers** is only detectable by using a ... it is difficult to reverse engineer the **optical watermark**. ...

[www.wipo.int/pctdb/en/wo.jsp?wo=2002023481](http://www.wipo.int/pctdb/en/wo.jsp?wo=2002023481) - 37k - [Cached](#) - [Similar pages](#)

**ICMA - Industry Information**

Laminates (security): Transparent **layers** or films with an integrated security ... **Optical watermark**: Fine line images that are engineered into **optical WORM** ...

[www.icma.com/info/PhysicalSecurityPX06.htm](http://www.icma.com/info/PhysicalSecurityPX06.htm) - 19k - [Cached](#) - [Similar pages](#)

**Arcotect Limited**

Incorporate with **optical watermark** and cryptography technology ... embed multiple **layers** of independently encrypted information in a sign **optical watermark** ...

[www.arcotect.com/product\\_service/e\\_coupon\\_soln.htm](http://www.arcotect.com/product_service/e_coupon_soln.htm) - 10k - [Cached](#) - [Similar pages](#)

**Super Audio CD - Wikipedia, the free encyclopedia**

The **optical** pickup must contain special circuitry to read the PSP **watermark**, which is then compared to information on the disc to make sure it's legitimate. ...

[en.wikipedia.org/wiki/Super\\_Audio\\_CD](http://en.wikipedia.org/wiki/Super_Audio_CD) - 57k - [Cached](#) - [Similar pages](#)

**[PDF] TrustDelivery**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

•Ability to embed multiple **layers** of independently encrypted information in a single **optical watermark**. •Multiple keys to view different **layers** of embedded ...

[www.hpgsc.com/solutionfile/SOLUTIONFILE2102.pdf](http://www.hpgsc.com/solutionfile/SOLUTIONFILE2102.pdf) - [Similar pages](#)

:: IT Creative ::

Multi-Layered **Optical Watermark**. Different from the physical **watermark** on ... The final **watermark** is a superposition of multiple (up to 20) **layers** of 2-D ...

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